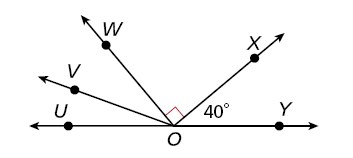
1.3 Exit Slip: Measuring and Constructing Angles

Using the diagram below, answer the following questions 1 – 3.

m∠*UOW* = 50°, bisects ∠*UOW*.



1. What is the m∠*VOY?*
2. What is the m∠*UOX?*
3.  bisects , m=(4x + 5)0, and m=(3x - 1)0 .

What is the value of x?

1. If an angle is bisected and then 300 is added to the measure of the bisected angle, the result is the measure of a right angle. What is the measure of the original angle? Show your calculations.